

# FI13078-01-2-C1

## GROUP CLASSIFICATION NUMBER



This is to certify that the specimen described below was tested by BRANZ for determination of Group Number Classification and SMOGRA in accordance with AS ISO 9705:2003 (R2016) and Group Number Classification and Smoke Production Rate in accordance with ISO 9705:1993.

### Test Sponsor

Autex Industries Limited  
702-718 Rosebank Road  
Avondale  
Auckland, 1026  
New Zealand

### Date of test

26 June 2020

### Reference BRANZ Test Report

FI13078-01-2 – issued 18/06/2024

### Test specimen as described by the client

The product submitted by the client for testing was identified by the client as Autex 7 mm Polyester Acoustic Absorber (including brand names APA and Cube) with density 257 kg/m<sup>3</sup>.

### Group Number Classification in accordance with NCC Australia

Calculations were carried out as per AS 5637.1:2015. The Group Number Classification and SMOGRA<sub>RC</sub> for the sample as described above is given in the table below.

### Determination of Fire Hazard Properties


The specimen was deemed suitable for testing in accordance with AS 5637.1:2015 and testing was performed in accordance with AS ISO 9705:2003 (R2016) for the purposes of Group Number classification as specified in the NCC Volume One Specification 7, Clause S7C4 in accordance with AS 5637.1:2015.

### Group Number Classification in accordance with the New Zealand Building Code

Calculations were carried out according to NZBC Verification Method C/VM2 Appendix A. The classification for the sample as described above is given in the table below.

Building Code Document	Group Number Classification
NCC Volume One Specification 7, Clause S7C4 determined in accordance with AS 5637.1:2015	1 The SMOGRA was 0.6 m <sup>2</sup> /s <sup>2</sup> x 1000 and therefore within the 100 m <sup>2</sup> /s <sup>2</sup> x 1000 limit
NZBC Verification Method C/VM2 Appendix A	1-S Average Smoke Production Rate was 0.4 m <sup>2</sup> /s and therefore within the 5 m <sup>2</sup> /s limit

### Issued by

  
L. Q. Greive  
Fire Testing Engineer  
BRANZ

### Reviewed by

  
L. F. Hersche  
Fire Testing Engineer  
IANZ Approved Signatory

*Regulatory authorities are advised to examine test reports before approving any product*



### Issue Date

18/06/2024

All tests and procedures reported herein, unless indicated, have been performed in accordance with the laboratory's scope of accreditation